



KE-WM 1308

Fiber Type: Aramid/E-Glass
 Architecture: Woven
 Dry Thickness: 0.038 in. / 0.97 mm
 Total Weight: 21.30 oz/sq.yd / 722 g/sq.m

VECTORULTRA™

Roll Specifications			Fiber Architecture Data	
Roll Width:	Roll Weight:	Roll Length:	0 ° :	6.10 oz/sq.yd / 207 g/sq.m
50 in / 1270 mm	189 lb / 86 kg	102 yd / 93 m	45 ° :	n/a
			90 ° :	7.10 oz/sq.yd / 241 g/sq.m
			- 45 ° :	n/a
			Chopped Mat :	8.10 oz/sq.yd / 275 g/sq.m

1: Packaging: box or bag.

2: Weights do not include polyester stitching.

Laminated Properties

0 °

0 °

Laminate Weight (lb/sq.ft)	KE-WM 1308 Resin Infused	KE-WM 1308 Open Mold
Fiber	0.15	0.15
Resin	0.16	0.23
Total	0.31	0.38

Physical Properties

	KE-WM 1308 Resin Infused	KE-WM 1308 Open Mold
Density (g/cc)	1.53	1.45
Fiber Content (% by Wt.)	48%	39%
Thickness (in)	0.039	0.051

Laminate Moduli		
(MSI)	KE-WM 1308 Resin Infused	KE-WM 1308 Open Mold
Ex	2.22	1.82
Ey	2.31	1.89
Gxy	0.34	0.29
Ex,flex.	2.04	1.66
Ey,flex.	2.12	1.73

Ultimate Stress		
(KSI)	KE-WM 1308 Resin Infused	KE-WM 1308 Open Mold
Long. Ten.	35	28
Long. Comp.	7	6
Trans. Ten.	29	24
Trans. Comp.	7	6
In-Plane Shear	8	9
Long. Flex.	31	25
Trans. Flex.	25	20

In-Plane Stiffness, "EA"		
10 ³ lb/in	KE-WM 1308 Resin Infused	KE-WM 1308 Open Mold
(EA)x	86	92
(EA)y	89	95
(GA)xy	13	14

Ultimate In-Plane Load		
lb/in	KE-WM 1308 Resin Infused	KE-WM 1308 Open Mold
Long. Ten.	1,343	1,433
Long. Comp.	269	287
Trans. Ten.	1,124	1,198
Trans. Comp.	279	298
In-Plane Shear	324	474

Notes:

- 1: Resin infused laminate made with vinyl ester resin 200 cps viscosity @ 77° F.
- 2: Open mold laminate made with polyester resin.
- 3: All standard reinforcements should be infused with a flow aid or Vectorfusion® reinforcements.



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Disclaimer:

As a service to customers, Vectorply Corporation ("VP") may provide computer-generated predictions of the physical performance of a product using a reinforcement fabric produced by VP in combination with other materials or systems.

VP makes no warranty whatsoever as to the accuracy of any such predicted physical performance, and customer acknowledges that customer is solely responsible for determining the performance and fitness for a particular use of any product produced by customer utilizing a fabric or material produced or manufactured by VP. Specifications of reinforcements may change without notice.